

SONY

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VAIO

VGN-AW21S/B

Wide screen HD Entertainment

Real wide 18.4" Full HD entertainment with Blu-ray Disc™ drive
(reader/writer)



VAIO Europe official website
<http://www.vaio.eu/>

VAIO Europe official website
<http://www.vaiopro.eu/>

KEY FEATURES

Full HD 18.4" X-black LCD with double lamp technology for true-to-life picture quality

Powerful Intel® Centrino® 2 processor and NVIDIA® graphics

Blu-ray Disc™ drive for data storage, watching HD movies and creating HD content

Powerful virtual surround sound with 2.1ch speakers, subwoofer and Dolby Home Theatre®

TECHNICAL SPECIFICATIONS

Operating System

Operating System	Genuine Windows Vista® Home Premium
Microsoft® Windows® Service Pack	1

Architecture

Platform	Intel® Centrino® 2 processor technology
Chipset	Mobile Intel® PM45 Express Chipset

Colour

Cover colour	Black
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CPU Section

Processor Name	Intel® Core™2 Duo Processor P8600 with Enhanced Intel SpeedStep® Technology
Processor Manufacturer	Intel®
Processor Speed (GHz)	2.4
L2 Cache (MB)	3
Frontside Bus (MHz)	1066
Number of Cores	2

Memory

Memory Size (GB)	4
Memory Speed (MHz)	800
Memory Type	DDR2 SDRAM (2x2GB)
Max. Supported Memory (GB)	4
Max Memory Comment	In the case of 4GB, a portion of the system memory over 3GB might not be available to the 32bit operating system

Drives

Hard Drive Type	Serial ATA
Hard Drive Capacity (GB)	500 (1x500GB)
Hard Drive Speed (rpm)	4200
Optical Drive Type	Blu-ray Disc™ Drive: BD-R/-RE/-ROM/ DVD+/-RW/+R DL/RAM Drive (reader/writer)
Optical Drive Fitting	Built-in

Drives Speed

Write	CD-R x24, CD-RW x16, DVD-R DL x4, DVD-R x8, DVD-RW x6, DVD+R DL x4, DVD+R x8, DVD+RW x6, DVD-RAM x5, BD-Rx4, BD-RE x2, BD-R DL x2, BD-RE DL x2
Read	CD-ROM x24, CD-R x24, CD-RW x24, DVD x8, DVD-R DL x6, DVD-R x8, DVD-RW x6, DVD+R DL x6, DVD+R x8, DVD+RW x6, DVD-RAM x5, BD-ROM x4, BD-Rx4, BD-RE x2, BD-RE DL x2, BD-R DL x2

Display

Screen Type	X-black LCD with multiple lamp
Diagonal Size (in)	18.4
Resolution	1920 x 1080
Aspect Ratio	16:9
Resolution Type	Full HD

Graphics

Graphic Card Name	NVIDIA® GeForce® 9600M GT GPU
Total Graphics Memory	Total available graphics memory of Approx. 1770MB* with dedicated GDDR3 Video Memory of 512MB
Comments	* Total Available Graphics Memory refers to the Windows Vista® classification of graphics memory, which varies depending on the operating condition, version of device driver and system memory size.

Interfaces

4 Pin i.LINK™ (IEEE1394), 400 Mbps	1
DC in	1
Memory Stick™ Slot	1
Memory Stick™ Slot Type	Memory Stick™ standard, Memory Stick™ Duo, Memory Stick™ PRO, Memory Stick™ PRO Duo, high speed data transfer and MagicGate compatible
Microphone Jack (Stereo)	1
RJ-11 Direct Port (Modem)	1
RJ-45 Direct Port (Network)	1
USB Speed	High/Full/Low
USB Port (quantity)	3
USB Version	2.0
USB Connector Type	A
VGA Connector for Monitor	1
SD Card Slot	1
CF Card Slot	1
Audio out	2
Audio out Type(s)	Headphone/Speakers Jack and optical S/PDIF
HDMI out	1
Express Card Slot	1
Express Card Slot Type	34mm

Connectivity

Built-in Modem	V.92/V.90
Integrated Wireless LAN	YES
Wireless LAN Range (m)	max. 100
Integrated Bluetooth (Version)	2.1 + EDR
Bluetooth Range (m)	10
Wireless LAN Type	802.11a/b/g/Draft n
Wireless LAN Max. Data Rate (Mbps)	300 (RX) / 150 (TX)
Ethernet network	10 BASE-T/100 BASE-TX/1000 BASE-T

Multimedia